

JUL 23 2007

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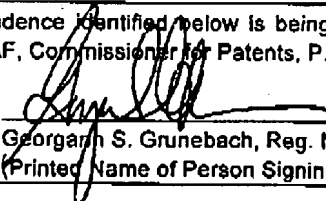
Attention:	MAIL STOP AF Group Art Unit: 2617 Examiner: TORRES, Marcos L.	Fax:	(571) 273-8300
UNITED STATES PATENT AND TRADEMARK OFFICE		Phone:	(571) 272-7926
Pages:	Cover + 1 + 4 = 6	Date:	July 23, 2007
From:	Georgann S. Grunebach Assistant General Counsel	Fax:	(310) 964-0941
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 Georgann S. Grunebach, Reg. No. 33,179
 (Printed Name of Person Signing Certificate)

July 23, 2007
 (Date of Signature)

Attention: Commissioner for Patents**Attorney Docket No. PD-200101**

Please find attached Re:

Serial No.: 09/661,725

Filing Date: September 14, 2000

- TRANSMITTAL FORM PTO/SB/21
- RESPONSE TO OFFICE ACTION DATED MAY 22, 2007 (4 pages)

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The DIRECTV Group, Inc., CA/LA1/A109, P. O. Box 956, El Segundo CA 90245

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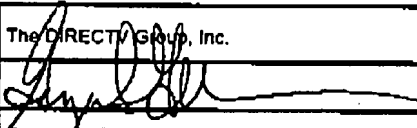
PTO/SB/21 (04-07)

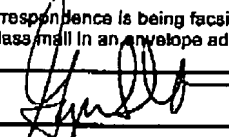
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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/881,725	
	Filing Date	September 14, 2000	
	First Named Inventor	Donald C.D. Cheng	
	Art Unit	2817	
	Examiner Name	TORRES, Marcos L.	
Total Number of Pages in This Submission	5	Attorney Docket Number	PD-200101

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input checked="" type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm Name	The DIRECTV Group, Inc.	
Signature		
Printed name	George S. Grunebach	
Date	July 23, 2007	Reg. No. 33,179

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Signature		
Typed or printed name	George S. Grunebach	Date July 23, 2007

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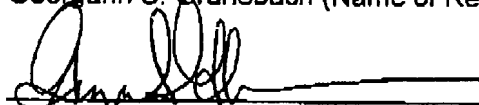
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Georgann S. Grunebach (Name of Registered Representative)



Reg. No. 33,179

(Signature) July 23, 2007 (Date of Signature)

Customer Number 020991

Patent
PD-200101

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Donald C. D. Chang

Serial No. 09/661,725

Group Art Unit: 2617

Filed: 09/14/2000

Examiner: Torres, Marcos L.

For: STRATOSPHERIC-BASED COMMUNICATIONS SYSTEM FOR MOBILE
USERS USING ADDITIONAL PHASED ARRAY ELEMENT FOR
INTERFERENCE REJECTION

AMENDMENT AFTER FINAL

Mail Stop AF
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Final Office Action dated May 22, 2007, please enter the following amendments and remarks.

Amendments to the Claims begin on page 2 of this paper.

Remarks begin on page 4 of this paper.